Sheet 1 c	of I																
FORM PTO-14 (Rev. 2-32) PA												ATTY. DO	OCKET NO.		S	ERIAL NO	
	INFC											APPLICA	NT				
	STAT	EM	1EN	IT I	BY A	APF	LI	CA	١T			Mu-Lin SI	hen				
															·		
										_		FILING DATE GROUP					
										U.S. PA	TENT	DOCUMENTS					
EXAMINER														T		FILING	DATE
INITIAL					UM MB					DATE		NAME	CLASS	SUBCLASS		IF APPROPRIATE	
			2	3	5	9	_	3	1	2/1880		Batt		 		ATROL	KIAIL
										/1882		Simon	-	 			
		\dashv	5		9	1	9	4		1/1893		Carty	 	 			
		\dashv	5	7	6	0	2	8		/1897		Churchill	 	 			
		\dashv	6	0	4	9	5	1		/1898	Α.	nderson et al.		 			
			6	5	5	6	0	5	_	/1900	A	Churchill	 	 			
 		╗	0	-	${}^{-}$	$\overline{}$	쒸	-						 			
		-	-	4	9	6	긬	0		/1915		Carr	-	 		·	
		1	7	7		4	3	8		0/1930		Lowe		 			
		1	8	9	9	6	8	6		/1933		Herst	 _				
		1								/1933		Sullivan	ļ	<u> </u>			
		2								1/1936		Brigges		ļ			
		2								/1950		Smith et al.					
		2								1/1950	1	Smith et al.					
		2	7	9	5	9	4	8		/1957		Ravburn	ļ				
		2	9	9	8	2	7	4	8	/1961		Russell	<u> </u>				
										FOREIGN	PATE	NT DOCUMENT	rs	1		·	
			I		CUN UMI					DATE		COUNTRY	CLASS	SUBO	CLASS	TRANSL	ATION
				3	5			8	3	9/1922		Norway			-	YES	NO
			5	3				7	7	6/1941		nited Kingdom					
			5	5	5	5	,	5	0	8/1943	U	nited Kingdom					
		1	8	0	8	6	5	3	3	6/1970	1	Germany					
		2	7	2	3	8	3	8	7	12/1978		Germany					
													·				
											<u> </u>						
			(T	HER	D	oc	UM	E	NTS (Inclu	ding A	uthor, Title, Date,	Pertinent Pag	ges, Etc.))		
		_															
	\dashv	-															
														·			
	-	\dashv															
		\dashv															
		\neg															
EXAMIN	IER									-		DATE CONSID	DERED				
												is in conformance			v line thro	ough citation	if not

Sheet 1 o	f l				-												
FORM PTO-144 (Rev. 2-32) PA	49 U.	S. I	DEP	ART	ΓME	ENT MA	O	F C	OM FFI	IMERCE CE		ATTY. DO	OCKET NO.	·	SERIAL NO.		
(Rev. 2-32) FA	INFO									OL		APPLICA	NT				
	STAT											Mu-Lin S					
	SIAI	LIVI	11211						•			Mu-Lin S					
												FILING D	DATE	GROUP			
	_									U.S. PA	TEN	DOCUMENTS		<u></u>			
EXAMINER	Γ' Τ						_	\neg					T	T		FILING DATE	
INITIAL			D	oci	UMI	EN	Γ			DATE		NAME	CLASS	SUBCLASS		IF	
			NUMBER 2/1967										<u> </u>	<u> </u>		APPROPE	RIATE
		3	3 0 8 6 4 1 3/1967]	Russell et al.	<u> </u>	ļ			
		3										Neary					
		3	7 1 3 3 1 1 1/1973									Oliver et al.		<u> </u>			
		3	8	6	9	8	9	0		1975		Neary		ļ			
		3	8	9	4	4	1	7	_	1975		Taniyauna					
	3 9 1 0 6 1 2 10/1975											Nolin					
	3 9 8 5 0 0 8 10/1976									0/1976		Hart		<u> </u>			
	3 9 9 9 7 8 9 12/1976									2/1976	1	Maurits et al.					
	4 1 2 9 0 1 9 12/1978								12	2/1978		Urdal					
		4										Nolin					
		4	4 2 4 6 9 1 1/1984							1984		Foshee					
		4							3/	1984		Best et al.					
		4	4	4 4 4 0 3 4 4/1984						1984		Besr et al.					
		4 7 3 6 9 7 0 4/1988								1988	M	IcGourty et al.					
4 8 3 8 0 5 3 6/1989									6/	1989		Shen					
			·							FOREIG	N PAT	ENT DOCUMEN	ITS				
									\neg		T						
				DO	CUN	ME	NT			DATE		COUNTRY	CLASS	SUB	CLASS	TRANSLA	ATION
				N	<u>UM</u> :	BE	R_				_			ļ		VEC	1 210
			ļ	╄	4-	╀	4	\perp	_		 					YES	NO
			<u> </u>	_		┸	4-	4	_					- 			
		_	1_	\bot	1	4	4	_	_					 			
				_	\bot	4	4	_						1		 	
			$oldsymbol{oldsymbol{igl}}$		Д.,	\bot	4	4	_		_			<u> </u>			
		_		↓_	┷	4-	4	-						-			
		<u> </u>		ــــــــــــــــــــــــــــــــــــــ		丄		_1.						<u> </u>			
				OT)	HEF	R D	00	CUM	1E	NTS (Inclu	uding A	Author, Title, Dat	te, Pertinent Pa	ges, Etc	:.) 		
		L.	╙														
		_	<u> </u>														
	<u> </u>	_															
	 - -	⊢	⊢														
	-	\vdash	╀														
ЕХАМП	NER		1									DATE CONS	IDERED	_			
EXAMINER: in conformance	Initia e and n	l if	cita	tion side	cor	nsid Ir	ere icli	d, w	het	ther or not y of this fo	citatio	n is in conformanc th next communica	e with MPEP 60 ation to applican		aw line th	rough citation	if not

Sheet 1 o	f l	_															
FORM PTO-14 (Rev. 2-32) PA	49 U. TENT	S. D	DEP	AR TR	TM	EN EM	IT C	F C	CON OFF	MERCE ICE		ATTY. DO	CKET NO.		SI	ERIAL NO.	
(Rev. 2 32) 111	INFO											APPLICAN	TV			-	
	STAT											Mu-Lin Sh	en				
												EIL INC D	ATE		G	ROUP	
												FILING DATE			GROU!		
					_	_			_	U.S. PA	TENT	DOCUMENTS					
EXAMINER																FILING DATE	
INITIAL			D	oc	UM	1EN	١T			DATE		NAME	CLASS	SUB	BCLASS II		
			_		ME				<u> </u>							APPROPE	RIATE
		4	8	6	9		8			/1989		Marseilles et al.					
		4	8								Sr	nallegan et al.					
		4									-	Shen					
	L	4 9 5 3 3 7 3 9/1990						-				Toledano		<u> </u>			
		4 9 7 9 7 6 7 12/1990									p	Lin reissler et al.					
	4 9 9 5 2 4 9 2/1991										P	Tully		l			
5 0 1 8 3 7 5 5/1991											-	Martin					
											<u> </u>	Hung					
								_		/1993		Shen					
	 	5 2 3 3 8 5 1 8/1993							_		Florian						
	-	5	2					—	_	1/1993		Kim					
		5	2				_	+	_	/1994		Lin					
										/1994		Fann et al.					
	5 3 8 5 3 7 4 1/1995											Fann et al.					
										FOREIG	N PAT	ENT DOCUMENT	ΓS				
	-	I															
					CU IUM		ENT ER			DATE		COUNTRY	CLASS	SUB	CLASS	TRANSLA	
				\prod		\Box								ļ		YES	NO
		<u> </u>	L	1	_ _		_							ļ			
			┖	┦	1	_	_										
		╙	╄	_	_	4								<u> </u>			
		ļ	╄		+	-	-		_					 			
		├-	╀	┿	+	4								-			
		L	<u> </u>					OIL		NITE (I - al		Author, Title, Date	Portingnt Por	nos Etc		L	l
	τ	_		01	HE	K.	DO	CU	VI E	M15 (Inch	uaing A	Author, Title, Date	, refulent ra	ges, Ett	.,,	<u>.</u>	
	┼	⊢	┡									·- <u>-</u>					
	┼	\vdash	╁╌					_									
	1	\vdash	T														
	<u> </u>	↓_	\vdash														
EXAMI	NER		L								.—	DATE CONSII	DERED		-		
EXAMINER:	Initia	d if	cita	ation	n co	nsi	ider	ed, v	whe	ther or not	citation	n is in conformance th next communicat	with MPEP 60	9. Dr t.	aw line th	rough citation	if not

Sheet I o	f I										<u> </u>					
FORM PTO-14 (Rev. 2-32) PA	49 U. TENT	S. I	DEP	AR TR	TM ADI	EN EM.	T O	F C	OMMER FFICE	.CE	ATTY. DO	CKET NO.		S	ERIAL NO.	
	INFO	RM	IAT	OI	۷D	ISC	LO	SUI	RE		APPLICA	NT				
	STAT	ΈM	IEN	T E	3Y /	API	LIC	CA	TV.		Mu-Lin St	nen				
											FILING D	T G	GROUP			
											l librito b					
									U.	S. PATEN	T DOCUMENTS				•	
EXAMINER	r 1		_										·		FILING I	DATE
INITIAL					UM				DATE	Ξ	NAME	CLASS	SUB	CLASS	IF	VATE
				_	MB				0/1005		Cl				APPROPI	CIAIE
		5	3				3		3/1995		Shen Lin					
		5 4 4 7 0 4 7 9/1995									Juang					
		5 5 0 7 1 6 3 4/1996 5 5 6 4 2 9 6 10/1996							10/199		Theriault et al.				<u> </u>	
						5	5	5	1/1997		Kester et al.					
	5 5 9 0 5 5 5 1/1997										Cordle					
											Catayama et al.					
	5 6 1 7 7 4 9 10/2001										Park					
	5 6 5 7 6 5 3 8/1997										Hensley et al.					
											Nunez et al.					
-		5 7 1 3 2 3 1 2/1998							2/1998		Shen					
		5	5 7 3 2 5 7 8 3/1998								Kang					
		5	7								Shen					
5 7 6 1 9 3 6 6/1998 H											Shen					
	5 7 6 8 9 2 6 6/1998															
	FOREIGN PATENT DOCUMENTS															
					CU				DA	TE	COUNTRY	CLASS	SUB	CLASS	TRANSL	ATION
		\vdash	T	Ť	T	Ť	Ť								YES	NO
			1	\top		十										
			T				\Box									<u> </u>
					1			_					ļ			ļ
			<u> </u>	╙	┸	\perp	_						ļ			_
		╙	_	\perp	_ -	4	_	_					ļ			ļ
		<u> </u>	_		_L_								<u> </u>		1	1
				ОТ	HE	RI	000	CUN	MENTS (Including	Author, Title, Date	e, Pertinent Pa	ges, Etc	:.)		
		_	<u> </u>													
			├ ─													
1	 	\vdash	╁													-
-	+	┢	╁													
											DATE CONST	DEBED				
EXAMI	NER										DATE CONSI	DEKED				
EXAMINER:	Initia	ıl if	cita	tio	n co	nsi	dere	d, v	vhether of	r not citatio	on is in conformance	with MPEP 60		aw line th	rough citatio	n if not

Sheet 1 o	f I																
FORM PTO-14 (Rev. 2-32) PA												ATTY. DO	CKET NO.		S	ERIAL NO.	
	INFO	RM	IAT	101	۷D	ISO	CLC	วรเ	JR	Е		APPLICA	NT				
	STAT	ΈM	IEN	IT I	3Y.	ΑP	PLI	CA	N.	T		Mu-Lin Sh	ien				
												FILING D	G	ROUP			
										U.S. P	ATENT	DOCUMENTS					
EXAMINER												21.2.45	GV 4.00	01.10	01. 4.00	FILING I	DATE
INITIAL				OC NU						DATE		NAME	CLASS	SOR	CLASS	IF APPROPI	RIATE
		5	8	ī				1	1	9/1998		Widen				7 II T KOT	
									_	10/1998	F	Russell et al.					
		5										Shen					
		5								2/1999		Kang		1			
		5	8	7	3		-	_	_	2/1999		Thompson					
 -	5 8 7 3 2 7 2 2/1999 5 8 8 1 5 8 5 3/1999										 	Kang				:	
5 8 8 1 5 8 6 3/1999												Shen	<u> </u>		***		
5 9 0 4 2 3 2 5/1999											-	Shen					
	5 9 2 7 7 7 7/1999											Kuo et al.		ļ .			
										8/1999		Shen					
										10/1999	-	Yao	 				
									_	10/1999	-	Shen	1				
		5	9	_	3	_	_	_		11/1999		Shen		 			
		\rightarrow							_	1/2000	 	Shen					
		6	0	 	4	8	-	-		1/2000	 	Shen					
	<u> </u>	0	U	<u> </u>	4	10		1.	21		V DATI	ENT DOCUMENT	<u> </u> 	<u> </u>		<u> </u>	
				_						TOKEIG	TAIL	ENT DOCUMENT	T	I			
					CU UM		ENT ER	•		DATE		COUNTRY	CLASS	SUB	CLASS	TRANSL	ATION
			Π	T	Т				Т							YES	NO
				T		\neg			Г		T						
				T			\neg		Г								
				1	T				Г								
	_			Т	T				Γ								
				T	1	丁	7		T			<u> </u>					
				Τ	1.		\neg										
				от	HE	RI	000	CU	M	ENTS (Incl	uding A	uthor, Title, Date	, Pertinent Pag	ges, Etc	.)		
	ľ																•
															_		
																-	
	<u> </u>	Ш															
	ļ	Ш	_									-					
F-7.1			L					_				DATE CONSII	DEDED				
EXAMI	NEK											DATE CONSIL	JEKED				
EXAMINER:	Initia	l if a	cita	tior	co	nsi	dere	ed.	wh	ether or not	citation	is in conformance	with MPEP 60	9. Dra	w line thr	ough citation	if not
in conformance	and n	ot c	ons	ide	red.]	ncl	ude	c	opy of this fo	rm with	next communicat	ion to applicant	t.		-	

Sheet 1 o	f I																
FORM PTO-14 (Rev. 2-32) PA											ATTY. DO	CKET NO.		S	ERIAL NO.		
(Rev. 2-52) 17	INFO									ĺ	APPLICA	NT		L	-		
	STAT										Mu-Lin Sh						
											FILING DATE GROUP						
									U.S. PA	ATENT	DOCUMENTS						
EXAMINER											NAME CLASS				FILING D	DATE	
INITIAL					UM				DATE		NAME CLASS SUI				SCLASS IF APPROPRIATE		
		NUMBER 6 0 3 8 8 9 6 3/2000								Chr	mberlain et al.				ATROTT	uail	
		6	0	-	1	6	-	0	3/2000	Cite	Shen			-			
<u> </u>		6	1	_	1	-	_	_	8/2000		elletier et al.						
		6	+	0			-	0	8/2000		Chen et al.						
		6	╣	1	2	5	_	_	9/2000	 	Aramburu						
		6	+	5		9		4	11/2000	 	Chong et al.						
	_		+			_	_	-		 	Shen			-			
	6 1 7 0 3 0 5 1/2001									 	Eagan et al.		 				
	6 1 8 9 3 5 1 2/2001									 	Shen						
		6 2 7 9 3 6 0 8/2001 6 3 0 2 4 5 7 10/2001								\vdash	Shen	 			·		
		6								 	Shen		<u> </u>				
		6	3			_			4/2002	 	Shen		<u> </u>				
		6	4	1	2	3		8	7/2002	 	Shen						
		_								+	Shen		<u> </u>				
	6 4 2 5 6 1 3 7/2002										Shen	 	 				
		o l								N PATI	ENT DOCUMENT	ΓS	l				
·								—		1		-	[<u> </u>		
]		CU.		ENT ER		DATE		COUNTRY	CLASS	SUB	CLASS	TRANSLA	ATION	
				Ť	Ť	Т	Ť	\Box							YES	NO	
				\top	\top	\top	1	\exists									
			T	T	1	T	十	\exists									
				T	T	\top	\exists	\neg		T							
				T	Т	丁	T	Т									
-1-0				Т	T	7	T	\exists		T							
				I		\perp		\Box					L			l	
				OT	HE	RI	000	CUN	AENTS (Inclu	uding A	Author, Title, Date	, Pertinent Pag	ges, Etc.	.)			
			<u> </u>														
		\vdash	—												-		
	ļ	H			_		—								_ 		
		Н	\vdash					—									
		H	-										-				
EXAMI	NER	li									DATE CONSID	DERED					
EXAMINER:	Initia	lifo	cita	tion	1 CO	nsic	dere	d, v	hether or not	citation	is in conformance	with MPEP 60		w line thr	ough citation	if not	